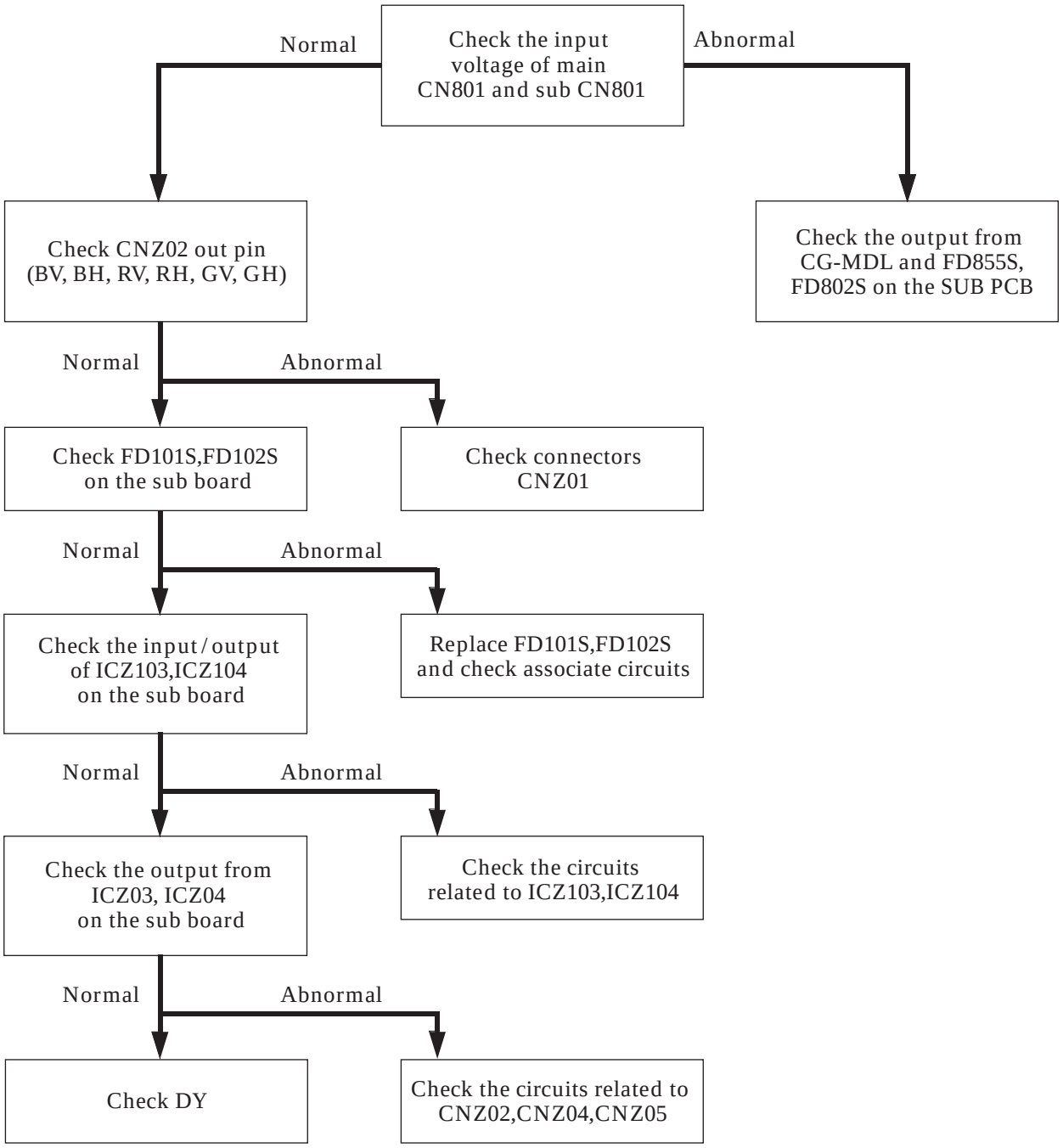
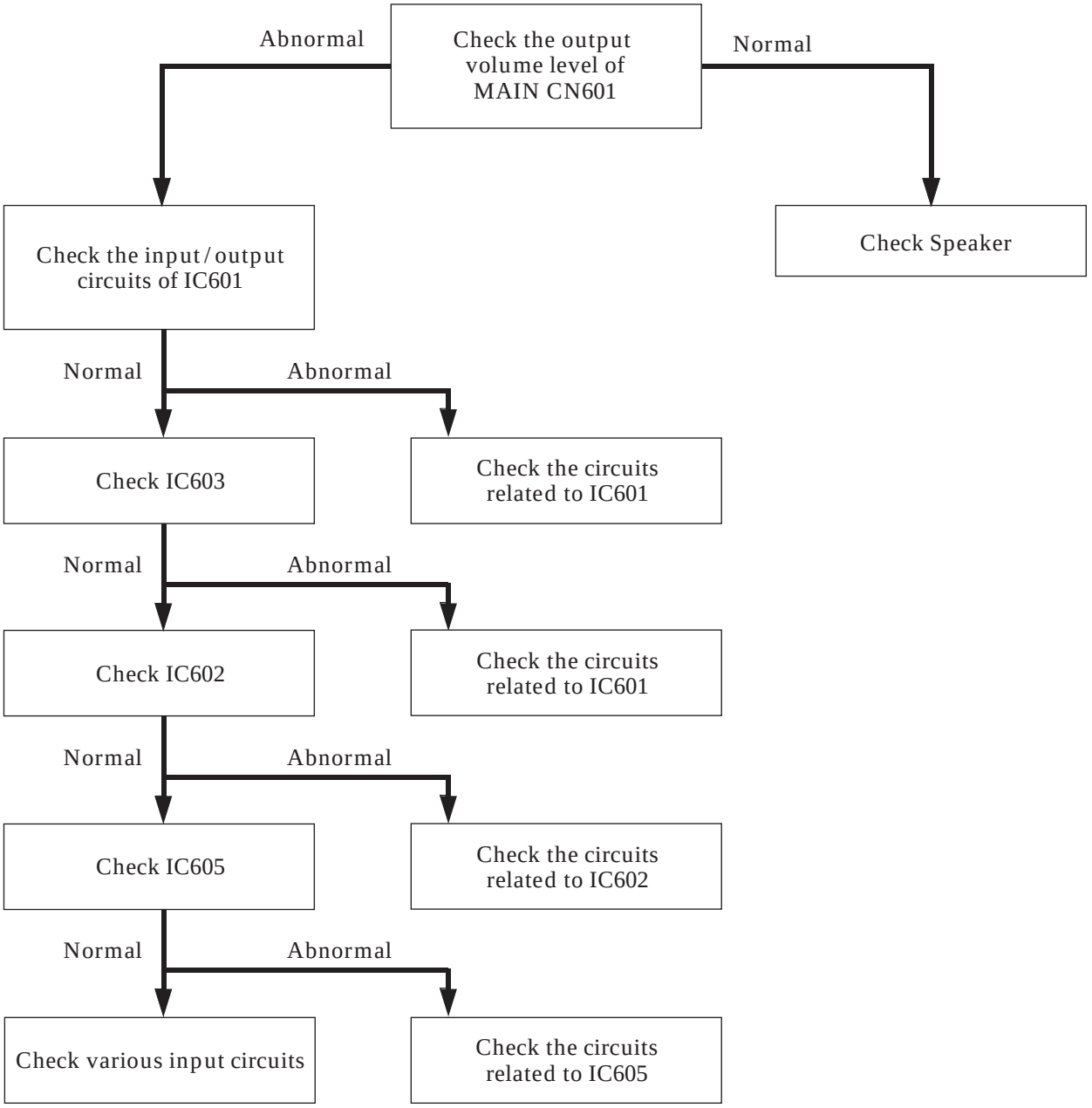
5. Troubleshooting

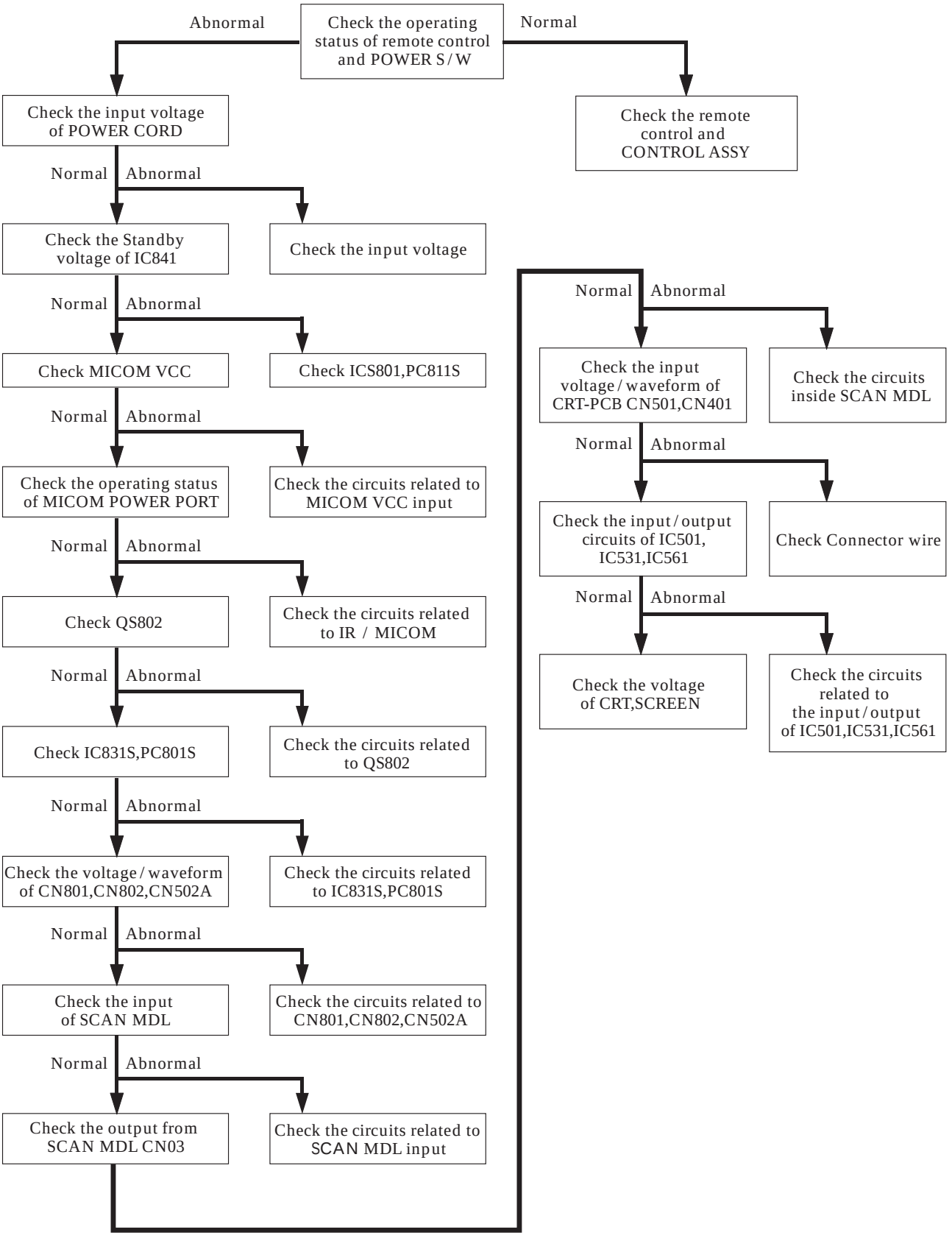
5-1 Convergence Misaligned


Check the input voltage of main CN801 and sub CN801
Normal
Abnormal
Check CNZ02 out pin (BV, BH, RV, RH, GV, GH)
Check the output from CG-MDL and FD855S, FD802S on the SUB PCB
Normal
Abnormal
Check FD101S,FD102S on the sub board
Check connectors CNZ01
Normal
Abnormal
Check the input/output of ICZ103,ICZ104 on the sub board
Replace FD101S,FD102S and check associate circuits
Normal
Abnormal
Check the output from ICZ03, ICZ04 on the sub board
Check the circuits related to ICZ103,ICZ104
Normal
Abnormal
Check DY
Check the circuits related to CNZ02,CNZ04,CNZ05

5-2 No Sound


Check the output volume level of MAIN CN601
Abnormal
Normal
Check the input / output circuits of IC601
Check Speaker
Normal
Abnormal
Check IC603
Check the circuits related to IC601
Normal
Abnormal
Check IC602
Check the circuits related to IC601
Normal
Abnormal
Check IC605
Check the circuits related to IC602
Normal
Abnormal
Check various input circuits
Check the circuits related to IC605

5-3 No Raster


Check the operating status of remote control and POWER S/W
Abnormal
Normal
Check the input voltage of POWER CORD
Check the remote control and CONTROL ASSY
Normal
Abnormal
Check the Standby voltage of IC841
Check the input voltage
Normal
Abnormal
Check MICOM VCC
Check ICS801,PC811S
Normal
Abnormal
Check the operating status of MICOM POWER PORT
Check the circuits related to MICOM VCC input
Normal
Abnormal
Check QS802
Check the circuits related to IR / MICOM
Normal
Abnormal
Check IC831S,PC801S
Check the circuits related to QS802
Normal
Abnormal
Check the voltage/waveform of CN801,CN802,CN502A
Check the circuits related to IC831S,PC801S
Normal
Abnormal
Check the input of SCAN MDL
Check the circuits related to CN801,CN802,CN502A
Normal
Abnormal
Check the output from SCAN MDL CN03
Check the circuits related to SCAN MDL input
Normal
Abnormal
Check the input voltage/waveform of CRT-PCB CN501,CN401
Check the circuits inside SCAN MDL
Normal
Abnormal
Check the input/output circuits of IC501, IC531,IC561
Check Connector wire
Normal
Abnormal
Check the voltage of CRT,SCREEN
Check the circuits related to the input/output of IC501,IC531,IC561

MEMO